

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Form PTO-1449

Atty Docket No.

Serial No.

P-5513

10/054,544

## INFORMATION DISCLOSURE CITATION

IN AN APPLICATION

Applicant(s)

Joerg Jahnke et al.

Filing Date

January 18, 2002

Group

Technology Center 2100

RECEIVED

AUG 19 2002

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRP	AR	Mark Birbeck, "Re: Storing XML Documents in Relational Databases", XML Discussion List: General Discussion of Extensible Markup Language, December 16, 1998, page 1, XP002168316.
SRP	AS	A. Deutsch, M. Fernandez, D. Suci, "Storing Semistructured Data in Relations", ICDT '99 Workshop on Query Processing for Semistructured Data and Non-Standard Data Formats, January 13, 1999, pages 1-6, XP002168317.
SRP	AT	D. Florescu, D. Kossmann, "A Performance Evaluation of Alternative Mapping Schemes for Storing XML Data in a Relational Database", Inria Technical Report No. 3680, May 1999, pages 1-31, XP002168318.

Examiner

SRPanda

Date Considered

9/30/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form PTO-1449

AUG 16 2002

Atty Docket No.

Serial No.

P-5513

10/054,544

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant(s)

Joerg Jahnke et al.

Filing Date

January 18, 2002

Group

2185

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

AUG 19 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRP	AR	G. Kappel, E. Kapsammer, W. Retschitzegger, "X-Ray-Towards Integrating XML and Relational Database Systems", Technical Report Johannes Kepler University Linz, July 2000, pages 1-27, XP002168319.
SRP	AS	J. Shanmugasundaram, et al., "Relational Databases for Querying XML Documents: Limitations and Opportunities", Proceedings of the 25th International Conference on Very Large Databases, Edinburgh, UK, Sept. 7-10, 1999, Morgan Kaufman Publishers, pages 302-314, XP002168320.
SRP	AT	Norman Walsh, "What Do XML Documents Look Like", Oct. 3, 1998 O'Reilly & Associates, Inc., 2001, pages 1-12.

Examiner

Date Considered

9/30/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form PTO-1449 AUG 16 2002 INFORMATION DISCLOSURE CITATION IN PATENT APPLICATION (Use several sheets if necessary)	Atty Docket No.	Serial No.
	P-5513	10/054,544
	Applicant(s) Joerg Jahnke et al.	
Filing Date	Group	
January 18, 2002	2185	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

AUG 19 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRP	AR	W3C XML Working Group, "Extensible Markup Language (XML) 1.0, 2000, W3C, pages 1-51.
SRP	AS	Erik T. Ray, "Learning XML (Guide to) Creating Self-Describing Data", Chapter 2: Markup and Core Concepts, Jan., 2001, O'Reilly & Associates, Inc., pages 1-36.
SRP	AT	Ronald Bourret, "XML Database Products", 2000, 4 pages total.

 Examiner SRP/jahnke Date Considered 9/20/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form PTO-1449

Atty Docket No.

Serial No.

P-5513

10/054,544

INFORMATION DISCLOSURE CITATION  
APPLICATION

Applicant(s)

Joerg Jahnke et al.

Filing Date

January 18, 2002

Group

2185

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

AUG 19 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRP	AR	"XMLdb: Build Database tables to feed your XML", 1998-2000, Cerium Component Software, 2 pages total.						
SRP	AS	Brad Wait, "Using XML in Oracle Database Applications: Part 2: About Oracle XML Products", Nov. 1999, Oracle Corporation, 15 pages total. ✓						
SRP	AT	Ronald Bourret, "XML and Databases", 1999-2000, 10 pages total.						

Examiner

S. P. Jahnke

Date Considered

9/20/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form PTO-1449

Atty Docket No.

Serial No.

P-5513

10/054,544

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant(s)

Joerg Jahnke et al.

Filing Date

January 18, 2002

Group

2185

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

AUG 19 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRP	AR	Bert Bos, "XML in 10 Points (7, really...), 1999-2000, W3C, 2 pages total.						
SRP	AS	Raminvas Laddad, "XML APIs for Databases", 2000, ITworld.com, Inc., 11 pages total.						
	AT							

Examiner

SRPannal

Date Considered

9/30/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).